

Math 262 Reading Guide

Section 2.5

NAME

Read Section 2.5 and answer the following questions. *Hand in this worksheet at the next class.*

1. How does the text define a random variable with a **Poisson distribution**?
2. In what sense is the Poisson distribution a limit of binomial distributions?
3. What are the mean and variance of a random variable with a Poisson distribution?
4. What is a **Poisson process**? How is a Poisson process related to a Poisson distribution?